

IVANESCU, P. [Ivanescu, P.]; ROZENBERG, Ivo; RUDYANU, S. [Rudeanu, S.]

Application of discrete linear programming to the minimization  
of Boolean functions. Rev math pures 8 no.3:459-475 '63.

1. Institut matematiki Akademii RNR (for Ivanescu, Rudeanu).
2. Vyssheye tekhnicheskoye uchilishche, Brno, ChSSR (for Rozenberg).

IVANESCU, P.

"Mathematical programming" by Steven Vajda. Reviewed by P.  
Ivanescu. Rev math pures 8 no.3:512-513 '63.

BALAS, E.; IVANESCU, P.

On the transportation problem. Pt.6. Comunicarile AR 13 no.3:  
249-251 Mr '63.

IVANESCU, P.; RUDEANU, S.

On the solution of the transportation problem by the Egervary method.  
Pt. 2. Studii cerc mat 14 no.1:59-67 '63.

IVANESCU, P.; ROSENBERG, Ivo; RUDEANU, S.

On the minima determination of the pseudo-Boolean functions.  
Studii cerc mat 14 no.3:359-364 '63.

1. Institutul de matematica al Academiei R.P.R. (for Ivanescu,  
Rudeanu). 2. Asistent la Institutul politehnica din Brno, R.S.  
Cehoslovaca (for Rosenberg).

IVANESCU, P.

Soviet works on the application of mathematics in the economy. Gaz  
mat fiz 15 no.2:102-103 F '63.

1. Cercetator la Institutul de matematica al Academiei R.P.R.

CIUCU, G.; IVANESCU, P.; THEODORESCU, R.

Application of mathematics in economy. Gaz mat fiz 15 no.9:  
500-502 S '63.

IVANESCU, Petru, L.

"Linear algebra" by G. Hadley. Reviewed by Petru L. Ivanescu.  
Rev math Roum 9 no.5:487- 1'64

"Flows in networks" by L.R. Ford, Jr., D.R. Fulkerson. Reviewed  
by Petru L. Ivanescu. Ibid.:492-493

"Scientific method, optimizing applied research decision" by  
Russell L. Ackoff, Shiv K. Gupta, J. Sayer Minas. Reviewed  
by Petru L. Ivanescu. Ibid.:493-494

IVANOV, Petr I.

On the minimal decomposition of finite partially ordered sets in chains.  
Rev math Roum 9 no.10:107-103 1954.

I. Institute of Mathematics, Hungarian Academy, Budapest.

IVANESCU, P.L.

System of pseudo-Boolean equations and inequalities. Bul Ac  
Pol math 12 no.11:673-680 '64.

The method of successive eliminations for pseudo-Boolean equations.  
Ibid.:681-683

Outline of the pseudo-Boolean method for integer polynomial  
programming. Ibid.:685-686

1. Institute of Mathematics of the Rumanian Academy of Sciences,  
Bucharest. Submitted August 3, 1964.

MEGHEA,C.; DACU, G.; CONSTANTINESCU,M.; GALLANI,S.; IVANESCU,V.; NEGOESCU,M.

Our experience with the one-stage complex surgical cure of  
complicated thoracic tuberculous spndylitis. Rumanian med.  
rev. 7 no.3: 70-73 Ja-Mr'64.

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MIRON, Radu, conf. univ.; NEGREI, Veronica; MANOLIU, Lucia; POLIZU, Lucia;  
VISA, Eugen; HAIVAS, M.; GLIGOR, I.; FUCHS, I.; ZOIGAN, Voicu;  
BAGHINA, V., prof.; HADIRCA-BREAZA, I.; IVANESCU-TIRGOVISTE, C.;  
NEGREA, M.; SPIRIDON, I.; SZABO-PLOIESTI, T.; GRIGORE-PLOIESTI, I.,  
prof; BAZACOV, Gh., prof.; PAUNESCU, Al.; MORARU, I.; SAHAGIA, C.;  
UDREA, V., prof. (Galati); NIIMITAN, I. (Suceava)

Observations on the Analytic Geometry Manual for the 11th grade.  
Gaz mat fiz 15 no.6:298-321 Je '63.

1. Societatea de Stiinte Matematice si Fizice, Filiala Iasi (for Miron).
2. Societatea de Stiinte Matematice si Fizice, Filiala Craiova (for Negrei, Manoliu, Polizu).
3. Societatea de Stiinte Matematice si Fizice, Filiala Timisoara (for Visa, Haivas, Gligor, Fuchs).
4. Societatea de Stiinte Matematice si Fizice, Subfiliala Petroseni (for Zoican).
5. Societatea de Stiinte Matematice si Fizice, Filiala Ploiesti (for Baghina, Hadirca-Breaza, Ivanescu-Tirgoviste, Negrea, Spiridon, Azabo-Ploiesti, Grigore-Ploiesti).
6. Societatea de Stiinte Matematice si Fizice, Subfiliala Tg. Severin (for Bazacov, Paunescu, Moraru, Sahagia).

IVANESKY, P.

"Linear programming and associated techniques; a comprehensive bibliography of linear, nonlinear, and dynamic programming" by Vera Riley, Saul I. Gass. Reviewed by P. Ivanovsky. Rev math pures 8 no. 2:331-332 '63.

IVANETIC, Jurij, ing.

Production of quartz sand for glass industry in Yugoslavia.  
Kem ind 10 no.5:142-144 My '61.

1. Rudnik kaolina Crna, Kamnik.

Л.ВИЧЕНСКИЙ, А.И.АНАНДЯН, Г.А.ИВАНЕЦ  
Д.СЛАВИНСКИЙ, А.М.ОШАНЯН, М.М.МАНУКОВИЧ, М.М.МАТВЕЕВ,

А.АЛЕКСАНДРОВИЧ, К.И.ИВАНЕЦ, К.И.ЯКОВЛЕВИЧ,  
М.И.ЛИШНЕВСКИЙ, И.И.КЛЫМЕНЬЕВА, К.Ф.ИНЖЕНЕР,  
ведущий редактор; Е.А.МУХИНА, технический редактор

[Pressure furnaces in oil refining] Topki pod davleniem v  
neftepererabotke, Mskva, Gos.nauchno-tekhn.izd-vo neft. i  
gorno-toplivnoi lit-ry, 1957. 130 p. (MIRA 10:7)  
(Furnaces) (Petroleum--Refining)

KONSTANTINOV, Aleksandr Nikolayevich; SAMSONOV, Nikolay Aleksandrovich;  
VEYTSMAN, Moisey Abramovich; IVANETS, Konstantin Yakovlevich;  
YEFREMOVA, T.D., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Machinery and equipment of petroleum refineries; design and  
construction. Reference book] Apparaty i oborudovanie nefte-  
pererabatyvaiushchikh zavodov; raschet i konstruirovaniye.  
Spravochnaya kniga. Moskva, Gos.nauchno-tekhn.izd-vo neft. i  
gorno-toplivnoi lit-ry, 1960. 573 p. (MIRA 13:5)  
(Petroleum refineries--Equipment and supplies)

DOVZHUK, Georgiy Timofeyevich, inzh.; IVANETS, Konstantin Yakovlevich;  
ANASTAS'IN, Valentin Fedorovich; VRONSKIY, L.N., ved. red.;  
VOROB'YEVA, L.V., tekhn. red.

[Equipment for oil and gas refineries and principles of its design]  
Oborudovanie neftegazopererabatyvaiushchikh zavodov i osnovy ego  
rascheta. Moskva, Gostoptekhizdat, 1962. 343 p. (MIRA 15:3)  
(Petroleum refineries--Equipment and supplies)

L CS142-57 ERT(1)/FCC GW  
ACC NR: AR6017547

SOURCE CODE: UR/0169/66/000/001/D014/D014

AUTHOR: Parkhomovskiy, O.A.; Andreyeva, R.I.; Burakovskiy, L.Ye; Goncharova, T.A.;  
Grigor'yeva, A.Y.; Ivanets, N.I.; Ivanyuta, M.M.; Kozar, L.T.; Raykher, L.D.;  
Senina, A.S.; Tkachenko, Zh. Ya.; Tkhir, D.G.

TITLE: Determination of the development level of the technique and technology of geological prospecting for oil and gas in the Ukraine

SOURCE: Ref. zh. Geofizika, Abs. 1D97

REF SOURCE: Tr. Ukr. n.-i. geologorazved. in-t, vyp. 10, 1965, 10-17

TOPIC TAGS: prospecting, seismic prospecting, oil prospecting, gas prospecting,  
PETROLEUM, magnetometer, gravimetry /M-2 MAGNETOMETER, UKRAINE

ABSTRACT: Geological-geophysical prospecting for oil and gas, completed on the Ukraine during 1960-1962 was analysed. At present all the oil-bearing territory of the Ukraine is covered by prospecting survey with the M-2 magnetometer. The cost of study was 46.4 roubles/km<sup>2</sup>. The output and precision of the aeromagnetic survey is much better. The gravimetric survey is basically complete. The cost of the total survey was 92.2 roubles per km<sup>2</sup> in 1960 and 47.2 roubles in 1962. Highly precise gravimeters (.01 - .03 mgal) can elucidate various anomalies. Inspite of the relative cheapness of the electro-recon method, and its mobility, it has not been afforded the deserved development in the Ukraine. Volume of seismic work reaches 87% of the total geophysi-

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UDC: 550.830(477)

L 06143-67

ACC NR: AR6017547

cal work volume. Cost of 1 km of seismic profile work was 560-850 roubles. In 1962, seismic reconstructing instrumentation for the automatic processing of seismograms and design of boring sections has been developed. Techno-economical indices of structural mapping boring are very high; those of structural-recon boring are at relatively low levels. On the basis of consideration of the possibilities of each method, a methodology for the recon of oil and gas is proposed. Translation of abstract.

SUB CODE: 08

Card 2/2 M/E

IVANETS, Yu.N.; LETYAGIN, V.A.

Beauty of working environment. Mashinostroitel' no.9;  
35-36 S '65.  
(MIRA 18:12)

*I V A N E T S A K H I A C . d.*

Category : USSR/Theoretical Physics - Theory of Relativity and Unified Field Theory.

Abstr Jour : Ref Zhur - Fizika, No 3, 1957, No 5629

Author : Ivanetskaya, O.S.

Title : On the Possible Initial Promises of the Second Approximation to the "Law of Interrelation Between Space, Time and Motion."

Orig Pub : Nauk. zap. Kiivs'k. un-tu, 1955, 13, No 7, 39-54

Abstract : The author develops the concept of the possibility of generalizing the special theory of relativity to include non-inertial motion of particles. The special principle of relativity is considered as a particular case of a more general law of "interrelation between space and time." To develop this theory it is necessary to take into account the physical difference between the covariant and contravariant quantities, the relationships between which determines the interrelation between space and time. It is proposed that reinforcement of the connectivity between the local "Minkowski worlds" compared with the connectivity in the special theory of relativity leads to a generalization of the theory to include highly-accelerated motions.

Card : 1/1

IVANEY, Vadim M.

Conditioned reflex lactation. Akush. i gin. no.5:14-16 S=0 '54.  
(MLRA 7:12)

1. Iz akushersko-ginekologicheskogo otdeleniya (zav. V.M. Ivanev)  
gorodskoy bol'ницы г. Svishchova (Bolgarskaya narodnaya respublika)  
(LACTATION, Physiology,  
conditioned reflex mechanism)  
(REFLEX, CONDITIONED,  
lactation)

GURVICH, Solomon Samuilovich; IVANEYEV, I.G., otv. za vypusk; BLINOV,  
A.I., tekhn. red.

[A bibliographical index of our countrymen's names on the map  
of the world] Imena nashikh zemliakov na karte mira; bibliogra-  
ficheskii ukazatel'. Rostov-na-Donu, 1956. 47 p.

l. Rostov-on-Don. Gosudarstvennaya nauchnaya biblioteka imeni  
K. Markska.

(Bibliography--Names, Geographical)

(MIRA 16:1)

ROMANOVA, D.I., bibliograf; IVANEYEV, I.G., red.; BLINOV, A.I.,  
tekhn.red.

[Technical education in the schools of Rostov Province] O poli-  
tekhnicheskem obuchenii v shkolakh Rostovskoi oblasti; kratkii  
ukazatel' literatury. Rostov-na-Donu, 1957. 81 p.

1. Rostov on the Don. Gosudarstvennaya nauchnaya biblioteka  
imeni K. Marksса.

(Rostov Province--Technical education)

(MIRA 13:4)

IVANFI, Jeno

New aspects of the question of classifying alkide-type  
artificial resins; a preliminary communication. Nagy kem.  
folyoir 68 no.10:461-462 O '62.

l. Tiszavideki Vegyi Kombinat Lakkfestek- es Mogyantagyar  
Kutato Csoportja, Tiszaszederkeny.

IVANFI, Jeno

Data on the structural analysis of alkyd resins. Magy kem  
folyoir 69 no.12:528-538 D'63.

1. Tiszai Vegyikombinat Lakfestek es Mogyantagyar Kutato-csoportja, Tiszaszedekeny.

IVANI, F.

"Device for tightening hard alloys and other plates, punches, matrices, etc."

p. 2h (Ratsionalizatsiya, Vol. 7, no. 11, Oct. 1957, Sofia, Bulgaria.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958.

Ivani I.

HUNGARY/Chemical Technology - Chemical Products and Their  
Application - Photographic Materials.

H.

Abs Jour : Ref Zhur - Khiniya, No 9, 1958, 30041

Author : Ivani, I.

Inst :

Title : Some of the Most Important Chemicals Used in Photography

Geig Pub : Papir- es Nyomdatechnika, 8, No 1, 12-13 (1956) (in  
Hungarian)

Abstract : A popular article.

Card 1/1

45-

KERENYI, Peter; IVANIC, Dionyz

Fluorine balance in superphosphate production. Chem prum 13  
no.8:403-405 Ag'63.

1. Chemicke zavody J.Dimitrova, N.P., Bratislava.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H  
Leather. Furs. Gelatin. Tanners. Technical  
Amides.

Abs Jour: Ref Zhur-Khimika, 1958, No 20, 69557.

Abstract:ides in the tanning extracts made of spruce bark  
is described. Effects of temperature and of  
various chemical substances added during the ex-  
traction on the leaching of pectins from tanning  
solution of vegetable origin are reviewed. From  
spruce bark, pectins are leached out only at a  
temperature of  $>40-50^{\circ}$ .

Card 2/2

121

IVANIC, I.

Yugoslavia (130)

Technology

Basic standards of building-construction materials. p. 39.  
STANDARIZACIJA, Vol. 1, no. 2, Sept. 1950.

East European Acquisitions List, Library of Congress,  
Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED.

IVANIC, R

"Pyrethrum, an Important Domestic Insecticide Raw Materials", p. 243 (NAUKA I PRIRODA)  
Vol. 6, No. 6, 1953, Beograd, Yugoslavia )

SO: Monthly List of East European Accessions L. C. Vol. 3, No. 4, April 1954

JANACKOVIC, Bojana; IVANIC, Rada

The quality of Secale cornutum cultivated in Yugoslavia. Arh. farm.,  
Beogr. 4 no.4:108-114 Aug 54.

1. Iz instituta za ispitivanje lekovitog bilja MRS - Beograd.  
(ERGOT ALKALOIDS  
cultivation in Yugosl., quality)

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CIA-RDP86-00513R000619010004-0"

[YUGOSLAVIA]

R. IVANIC and M. SEKULIC, Department of Pharmacognosy of College of Pharmacy of University (Farmakognosticki Institut Farmaceutskog fakulteta Univerziteta,) Belgrade.

"Concentration of Fatty Oils and Albumin in Loaves of Fennel, Coriander and Kuemmel."

Belgrade, Arhiv za Farmaciju, Vol 13, No 2, 1963; pp 105-107.

Abstract [French summary modified]: Study to determine potential value of extracting fatty oils to save on import thereof, and to determine nutritive qualities for possible use as feed. Increasing areas are being planted with these 3 plants (*Foeniculum vulgare*, *Coriandrum sativum* and *Carum carvi*) for essential oil extraction. Average values found: fatty oils 17.25%, 13.79% and 16.07%; peptides 18.99%, 15.88% and 23.24%; hence plants are certainly very valuable from all points of view. Three tables; 2 Yugoslav and 1 German reference.

1/1

- 27 -

PANA, Petre, ing.; CORBU, Ion, ing.; IVANICA, Alexandru, ing.

Level conditions of the phreatic water in the Boianu Sticleanu-Ezerul Calarasi precinct. Hidroteh apele meteor 10 no.2:76-82 F '65.

I V A N I C H E N K O , T.

30(7) YUS/1-57-1-767

AUTHOR: Veličković, D., Doctor of Engineering and Professor  
TITLE: The Twelfth Special Session of the World Power Conference

PUBLICATION: Teminai, 1959, Nr. 1, pp 201-204 (RNG)

ABSTRACT: The Twelfth Special Session of the World Power Conference was held from 7 to 11 September 1958 in Montreal. The Eleventh Special Session of this Organization was held in Riga in 1957. The theme of the Twelfth Special Session in Canada was "Economic Trends in the Production, Transmission and Utilization of Fuel and Power". Various papers were read by delegates from various countries including the USSR, Poland, Czechoslovakia, Yugoslavia, The USA, Canada, France, Italy, Sweden, on "Economic Principles for Calculating the Distributed Capacities of Hydropower Plants"; P. Ivashkevich and K. Smirnov on "Formation of a Single Inter-connected

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Electric Power Network in the USSR, its Significance for the National Economy and its Economic Indicators"; D. Tanayev and L. Tarashayev on "Efficiency of Fuel Utilization in Urban Industries"; N. Mal'nikov and Z. Shuruk on "Economic Advantages of the Use of Electric Power in Agriculture"; and L. Budman on "Technical and Economic Problems of Introducing Electric Power to Villages". The following delegations presented the following paper: Professor T. Lankondel on Determining the Upper Limit of Mineral Impurities in Coal above Which Combustion is Profitable and the Effects of Mineral Impurities on the Coal Combustion Process; and (ation on "Analysis of the Use of Steam Turbines with Extraction in Electric Power Plants". The other papers were: V. Krivulin on "The Gas-Cycle with Supplementary Fueling" and O. Maksimov on "Economic Re-view of the Plants for Thermal Power Plants for Power

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and Heating". The Yugoslav delegations presented the following papers: Doctor of Technical Sciences M. Kostić on "Utilized and Unutilized Capacities of Hydro-power Plants in Yugoslavia"; Dr. S. Jevremović on "The History of the Development of the Hydroelectric Power Plants in Yugoslavia"; J. Jevremović on "Construction of New Hydroelectric Power Plants in Yugoslavia"; J. Jevremović on "Calculation of the Capacity of Hydroelectric Power Plants" and Dr. Matanović on "Calculation of Electric Power Production and Trans-mission Costs".

Card 3/3

IVANICHENKO, G.A.

A rare case of mediastinal tumor. Vest.rent.i rad. 33 no.4:72-74  
Jl-Ag '58 (MIRA 11:8)

1. Iz rentgenovskogo otdeleniya (zav. G.A. Ivanichenko) Krasnodarskoy  
krayevoy klinicheskoy bol'nitsy (glavnnyy vrach L.S. Shevchenko).  
(**MEDIASTINUM, neoplasms**  
**fibrosarcoma (Rus)**)  
(**FIBROSARCOMA, case reports**  
**mediastinum (Rus)**)

IVANICHENKO, G.A.

Two cases of melorheostosis. Vest.rent. i rad. 34 no.4:84-87 Jl-As  
'59. (MIRA 12:12)

1. Iz rentgenovskogo otdeleniya (zav. G.A. Ivanichenko) Krasnodar-  
skoy krayevoy klinicheskoy bol'nitsy (glavnnyy vrach G.V. Novitskaya).  
(OSTEOPETROSIS case reports)

IVANICHENKO, G.A.

Rare cases of xanthomatosis. Vest. rent. i rad. 35 no. 5:63-  
64 My-Je '60. (MIRA 14:2)

1. Iz rentgenovskogo otdeleniya (zav. G.A. Ivanichenko) Krasnodarskoy  
krayevoy klinicheskoy bol'nitsy (glavnnyy vrach G.V. Novitskaya).  
(LIPOIDOSIS)

IVANICHENKO, I.F.; SHAPOSHNIKOV, V.I.

Cylindroma of the scalp. Vest. derm. i ven. 38 no.5:84-85 My  
'64. (MIRA 18:12)

1. Kafedra patologicheskoy anatomii (zav. - doktor med.nauk N.V.  
Onopchenko) Kubanskogo meditsinskogo instituta imeni Krasnoy  
Armii i Krasnodarskiy krayevoy onkologicheskiy disanser (glavnnyy  
vrach M.G.Lazarev). Submitted May 5, 1963.

IVANICHEVA, T. Ye., and DUMANSKIY, A. V.

"On the characteristics of the bond of rectin with cellulose of sugar beets,"  
Koll-Zh., 7, 573, 1921.

CZECHOSLOVAKIA/Cultivated Plants - Grains.

II-4

Abs Jour : Ref Zhrur - Biol., No 9, 1958, 39240

Author : Ivanicka, J.

Inst :

Title : Experiments on Corn Spraying in Southern Slovakia.

Orig Pub : Za vysokou urodou, 1957, 5, No 10, 221-223.

Abstract : No abstract.

Card 1/1

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IVANICKA, K.

Methods for determining economic and geographical zones in Poland. p. 29.  
GEOGRAEICKY CASOPIS. Bratislava. Vol. 8, no. 1, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress.  
Vol. 5, No. 8, August 1956.

IVANICKA, K.

IVANICKA, K. Report on the organization of the Slovak Geographical Society at the  
Slovak Academy of Sciences. p. 142.

Vol. 8, no. 2/3, 1956  
GEOGRAFICKY CASOPIS  
GEOGRAPHY & GEOLOGY  
Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

IVANICKA, K.

Convention of Czechoslovak Geographers, June 6-11, 1955. p. 213.  
Vol. 28, no. 1, 1956 Warszawa  
PRZEGLAD GEOGRAFICZNY

SOURCE: East European Accession List (EEAL) Library of Congress  
Vol. 5, no. 8, August 1956

IVANICKA, E.

M. Blazek's Kospodarska mapa Ceskoslovenska (Economic Map of Czechoslovakia): a review.

p. 192 (Geograficky Casopis) Vol 9, no. 3, 1957. Bratislava, Czechoslovakia.

SO: Monthly Index of East European Accessions (EEAI)LC, Vol. 7, no. 1, Jan 1958

IVANICKA, K.

Geographical distribution of domestic handicrafts in the Upper Nitra region. p. 273

GEOGRAFICKY CASOPIS (Slovenska akademie vied. Zemepisny ustav)  
Bratislava, Czechoslovakia

Vol. 10, no. 4, 1958

Monthly list of East European Accessions (EEAI) LG. Col. 9, No. 1. January 1960  
Uncl.

IVAVICKA, K

"M. Blacek's Ekonomický zeměpis Československa (Economic Geography of Czechoslovakia) a book review."

GEOGRAFICKY CASOPIS, Bratislava, Czechoslovakia, Vol. 11, no. 2, 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59  
Uncles

IVANICKA, K.

Some changes of the geographical conditions in Upper Nitra District. p. 207

GEOGRAFICKY CASOPIS. (Slovenska akademie vied. Zemepisny ustav) Bratislava,  
Czechoslovakia, Vol. 11, no. 3, 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959  
Uncl.

IVANICKA, Koloman

"Methodological problems of economic geography" edited by J.G. Fejgin [Feygin, Ya.G.], M.P. Alampijev [Alampiyov, M.P.]. Reviewed by Koloman Ivanicka. Geogr cas SAV 15 no.1:81-82 '63.

IVANICKA, Koloman

"Distribution of socialist industry" by A.E.Probst. Reviewed  
by Koloman Ivanicka. Georg cas SAV 15 no.4:306-307'63.

"Economic geography of the European people's democratic  
countries" by Martin Durai. Reviewed by Koloman Ivanicka.  
308-309.

"Agricultural origins and dispersals" by Carl O.Sauer. Reviewed  
by Koloman Ivanicka. 309-310.

IVANICKA, Kolman, doc., CS.

Process of industrialization of Slovakia. Geogr. area  
SAV 16 no. 2; 215-227 '6L.

IVANICKA, Koleman, doc. CSc.

Problems of economic geography viewed by three international  
symposia. Geogr cas SAV 17 no.1:78-81 '65.

IVANICEK, Z.

Radial short-circuit forces in transformers with cylindrical winding. p. 356.  
(STROJNOELEKTROTECHNICKY CASOPIS, Vol. 7, No. 6, 1956, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 5, No. 12, Dec 1957. Uncl.

KUKURA,J.; MIKLETIC,T.; NEUSCHL,S.; STEPANEK,S.; technicka spolupraca:  
JANCOVA,M.; IVANICOVA,E.

Contribution to the study of some life manifestations in students of the 7th class during the course of learning. Bratisl.  
lek. listy 2 no.10:610-619 '63.

1. Ustav hygiény Lek.fak. Univ. Komenskeho v Bratislave (veduci: akademik V.Mucha); Katedra automatizacie a regulacie Elektrotechnickej fakulty SVST v Bratislave (veduci: prof.dr. inz. M.Salamon) a Ustav pre lekarsky film a fotografiu Lek. fak. Univ. Komenskeho v Bratislave (veduci: S.Stepanek).

IVANICOVA, S.

Inactivation of Aujeszky disease (pseudorabies) virus by fluorocarbon.  
Acta virol. Engl. Ed. Praha 5 no. 5:328 S '61.

1. Institute of Virology, Czechoslovak Academy of Sciences, Bratislava.

(ETHYL CHLORIDE rel cpds)  
(VIRUSES pharmacol)

IVANICS, Dr.

"Aerial warfare" between American and European airlines.  
Repules 13 no.1:15 Ja '60.

AVER'YANOV, S.N., inzh.; KATS, I.I., inzh.; IVANIDI, B.I., inzh.

DT-60 tractor. Traktori sel'khozmash. 31 no.8:13-14 Ag '61.  
(MIRA 14:7)

1. Stalingradskiy traktornyy zavod.  
(Crawler tractors)

IVANIDZE, T.G.

LEONOV, N.P.; IVANIDZE, T.G.

Fronts masked in regard to motion, Trudy OGMI no.11:211-222 '57.  
(Atmosphere) (MIRA 11:3)

DOBRYNIN, Ye.M., kand. tekhn. nauk.; IVANIDZE, T.V., Inzh.;  
BARANOVA, Z.S., red. izd-va; SMIRNOVA, G.V., tekhn. red.

[Instrument industry of the Georgian S.S.R.] Priborostroenie  
Gruzinskoi SSR. Moskva, Mashgiz, 1961. 70 p.  
(MIRA 15:5)  
(Moscow—Exhibitions) (Georgia—Instruments)

IVANIK, M.M.; VESNETNIKOV, Y.S.; SOROKA, M.M.

Geological structure of the Spas oil field. Neft. i gaz. prom.  
no. 283-5 Ap-Je '65. (MIRA 18:6)

GONCHAROV, Yury Grigor'yevich, inzh.; GANKEVICH, Tadeush TSezarevich, inzh.;  
PETROV, Vladimir Iegorovich, inzh.; SHAMANOV, L.G., inzh., retsenzent;  
IVANIK, V.F., inzh., retsenzent; VUL'F, V.V., inzh., red.; KHITROV,  
P.A., tekhn. red.

[Operation and maintenance of a diesel locomotive] Upravlenie teplovozom i ego obsluzhivaniye. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniya, 1961. 180 p. diagr. (MIRA 14:8)  
(Diesel locomotives)

IVANIKAYA, Ye.A.; KUZIN, A.M.

Effect of irradiation on the activity of tyrosinase in the skin  
of mice and rats. Radiobiologija 3 no.1:17-20 '63.  
(MIRA 16:2)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.  
(TYROSINASE) (GAMMA RAYS—PHYSIOLOGICAL EFFECT)

YEVPOKINOV, V., kand. tekhn. nauk; KHERSONSKIY, I., prepodavatel';  
IVANIKOV, N., master proizvodstvennogo obucheniya.

Device for measuring the cutting forces in turning. Prof.-tekhn.  
obr. 21 no.12:23 D '64. (MIHA 18:2)

IVANIKOV, V.I.

Selection of developers for photographs of meteors. Biul.  
Stal.astron.obser. no.14:12-13 '55. (MLRA 9:10)

(Astronomical photography)

IVANIKOV, V.I.

Calculating atmospheric absorption in connection with photographing  
heavenly objects in panchromatic photolayers. Izv.Otd.est.nauk AN  
Tadzh.SSR no.14:53-61 '56. (MLRA 9:10)

1. Stalinabadskaya astronomicheskaya observatoriya AN Tadzhikskoy  
SSR.  
(Solar radiation) (Astronomical photography)

IVANIKOV, V.I.

Using the photometric connection of meteor trails with daily  
star trails for building up the characteristics curve. Biul.  
Stal.astron.ohser. no.15:14-19 '56. (MLRA 9:10)

(Photometry, Astronomical)

IVANIKOV, V.I.

Relation of readings on the objective microphtometer to  
the width of the slit and the magnitude of the sky background.  
Errors in the photographic process. Biul.Stal.astron.obser.  
no.15:20-23 '56. (MLRA 9:10)

(Photometry, Astronomical)

IVANIKOV, V.I.

Determining the correction required by failure to comply with the principle of interchangeability in relating meteor trails to daily paths of stars. Biul.Stal.astron.obser. no.16:3-22 '56.  
(MIRA 10:1)

(Metors) (Photometry, Astronomical)

IVANIKOV, V. I. Cand Phys-Math Sci -- (diss) "On the methods of photographic photometry of meteors." Len, 1957. 9 pp 22 cm. (Acad Sci USSR. Main Astronomical Observatory), 100 copies. (KL, 15-57, 104)

-5-

IVANIKOV, V.I.; SOLOV'YEV, A.V., otv.red.; BABADZHANOV, P.B., red;  
DOBROVOL'SKIY, O.V., red; KATASEV, L.A., red.; BAKHAREV, red.;  
FROIOV, tekhn.red.

[Methods used in photographic photometry of meteors] 0 metedakh.  
fotograficheskoi fotometrii meteorev. Stalinabad. Izd-vo Akad.  
nauk Tadzhik, SSR. 1957. 45 p. (Stalinabad Astronomicheskaiia  
observatoria. Biulleten'. No. 21) (MIRA 11:8)  
(Meteors) (Photometry, Astronomical)

IVANIKOV, V.I.

Selecting prisms for objectives used in the spectrophotometry of  
meteors. Biul. Stal. astron. obser.no. 20:24-28 '57. (MIRA 11:8)  
(Meteors)  
(Spectrophotometry)

S/035/60/000/006/026/038  
A001/A001

Translation from: Referativnyy zhurnal, Astronomiya i Geodesiya, 1960, No. 6,  
p. 65, # 5312

AUTHOR: Ivanikov, V. I.

TITLE: On the Methods of Photographic Photometry of Meteors ✓

PERIODICAL: Byul. Stalinabadsk. astron. observ., 1957, No. 21, pp. 3-47

TEXT: The method of photographic photometry of meteors, developed by N. N. Sytinskaya and complemented by the author, is explained, following a brief historical review. The method is based on the connecting the trail of a meteor to the diurnal trails of the stars on the negative. Drawbacks of the methods are pointed out: The unfulfillment of the interchangeability law, difficulties in the selection of comparison stars, differences in the formation conditions of the stellar and meteoric trails, etc. A device, called "artificial meteor", is described which is used for imprinting the photometric standard. It consists of a photometric box within which projection bulbs are arranged. The front wall of the box is shielded with a frosted glass behind which a photometric attenuator is located. Further is located a rotating Duraluminum disk with  $\sim 1\text{-mm}$

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S/035/60/000/006/026/038  
A001/A001

On the Methods of Photographic Photometry of Meteors

apertures bored along the radius. Passing in front of the attenuator these apertures create artificial meteors of different angular velocity and varying intensity; they are photographed with a camera from a definite distance. Calibration is made by comparing with stars of well-known stellar magnitudes. The methods of processing the observations by means of an imprinted standard are described. The author compares the results obtained from the method of control tie to the diurnal stellar trails with those of control tie to the trails of artificial meteors, and concludes that the latter method is more accurate and reliable. Errors arising in photographic photometry of meteors are analyzed and estimated: errors of the photography process, of the field, of focusing, and errors from using the mean transparency coefficient. There are 31 references.

L. A. Katasev

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

IVANIKOV, V. I.

Possibility of photographing artificial earth satellites. Astron.  
tsir. no.187:5-7 D '57. (MIRA 11:6)

1. Stalinabadskaya astronomiceskaya observatoriya.  
(Artificial satellites) (Astronomical photography)

IVANIKOV, V.I.

Determining the length of meteor's fall. Astron. tsir. no.187:  
23-25 D '57. (MIRA 11:6)

I. Stalinabadskaya astronomicheskaya observatoriya AM Tadzhikskoy  
SSR.  
(Metors)

IVANIKOV, V.I.

Possibility of photographing artificial satellites. Astron.  
tsir. no.193:6-8 Jy '58. (MIRA 12:1)

1. Stalinabadskaya astronomicheskaya observatoriya.  
(Artificial satellites)

SOV/35-59-9-7326

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, Nr 9, p 75 (USSR)

AUTHOR: Ivanikov, V.I.

<sup>10</sup>

TITLE: The Photographic Photometry <sup>12</sup> of the Second Sputnik <sup>14</sup>

PERIODICAL: Astron. tsirkulyar, 1958, July 3, Nr 193, pp 8 - 10

ABSTRACT: There is a description of the method of determining the brightness of the Artificial Sputnik from images of the trail taken by the NAFA 3S/2528 camera. There is a citation of results of the photometric processing for 10 positions of the second Soviet Artificial Satellite on March 20, 1958, from two images of the trail obtained on the same frame on a film with pre-printed standards. The period of the variation in brightness of the Sputnik was determined. It is equal to  $1^m 15$ .

G.A.M.

(V)

Card 1/1

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S/035/60/000/007/01<sup>4</sup>/018  
A001/A001

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1960, No. 7.  
p. 83, # 6491

AUTHOR: Ivanikov, V.I.

TITLE: The Dependence of the Non-Intersubstitution Effect on the Meteor  
Intensity

PERIODICAL: Astron. tsirkulyar, 1959, apr. 15, No. 201, pp. 18-20

TEXT: When meteor trails are photometrically tied to the diurnal trails  
of stars, it is necessary to take into account a correction for deviations from  
the law of intersubstitution ("vzaimozamestimost'"). The purpose of the present  
study was the determination of this correction. It turned out that the correction  
depends on the trail intensity: it grows with an increase of intensity, varying  
within the range of 1.06 - 2.35. The method of calculating the correction is  
described. X

N.P.K.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

*Inst. Astrophysics A5 Tadzhik SSR*

IVANIKOV, V. I.

Photometric error of the field of the NAFA 3S/25 camera. Astron.  
tsir. no.208:19-20 Ja '60. (MIRA 13:11)

1. Institut astrofiziki AN Tadzhikskoy SSR.  
(Astronomical photography)

ACCESSION NR: AT3012282

S/3017/62/009/000/0003/0065

AUTHOR: Ivanikov, V. I.

TITLE: Spectrographic observations of meteors in Dushanbe in  
1958—1960

SOURCE: AN TadzhSSR. Institut astrofiziki. Trudy, v. 9, 1962,  
3-65

TOPIC TAGS: spectrographic meteor observation, meteor, meteor spectrum,  
meteor patrol, Gissar meteor station, meteor spectrum photog-  
raphy, meteor wake, Dushanbe, Stalinabad

ABSTRACT: Spectroscopic data have been compiled and analyzed on the  
basis of 20 photographs of meteor spectra obtained by the Institut  
astrofiziki Akademii nauk Tadzhikskoy SSR (Institute of Astrophysics,  
Tadzhik Academy of Sciences) in 1958—1960. Systematic photography  
was carried out at the Gissar station 13.6 km from Dushanbe, using  
an L. A. Katasev high-speed spectral unit consisting of six  
NAFA ZS/25 ( $D = 10$  cm,  $F = 25$  cm) cameras having lens prisms with a  
refraction angle of  $25^\circ$ . Panchromatic aerial photographic film with

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ACCESSION NR: AT3012282

a sensitivity of approximately 1000 GOST units was used. The meteor spectra were measured on the MIR-12 and the simpler UIM-21 microscopes. To construct dispersion curves of the meteor spectra, the characteristic lines of NaI ( $\lambda = 5893 \text{ \AA}$ ), MgI ( $\lambda = 5177 \text{ \AA}$ ), MgII ( $\lambda = 4481 \text{ \AA}$ ), CaII ( $\lambda = 3933.7 \text{ \AA}$  or  $\lambda = 3968.5 \text{ \AA}$ ), and of the hydrogen series of the spectra of near stars were selected. The wavelengths of unknown meteor spectrum lines were computed with Cornu's formula. All of the spectra obtained were predominantly linear. The results of wavelength determinations of individual lines are given in tables, listing the computed wavelengths of the meteor spectra, laboratory wavelengths, corresponding atoms or ions, and the multiplets. A list is provided of the multiplets detected in the meteor spectra examined. Visual observations were made by Z. M. Bakharev. The author thanks V. I. Ul'rikh for aiding in processing the data. Orig. art. has: 4 figures and 11 tables.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 19Nov63

ENCL: 00

SUB CODE: AS

NO REF SOV: 011

OTHER: 002

Card 2/2

IVANIKOV, V.I.; KHAICOV, I.M.

Photometric errors of the field of the NAFA 3s/25 cameras.  
Biul. Inst. astrofiz. AN Tadzh. SSR no.35:3-13 '63.  
(MIRA 17:5)

IVANIKOV, V.I.

Photographic photometry of meteors. Biul. Inst. astrofiz. AN  
Tadzh. SSR no.32:25-31 '62. (NIRA 17:11)

L 04283-67 EWT(1) GW  
ACC NR: AR6004677

SOURCE CODE: UR/0269/65/000/010/0056/0056

AUTHOR: Ivanikov, V. I.

TITLE: Technique and some results of photometric studies of meteors during IGY and  
IGGS (1957--1959)

SOURCE: Ref. zh. Astronomiya, Abs. 10.51.416

REF SOURCE: Byul. In-ta astrofiz. AN TadzhSSR, no. 39-40, 1965, 3-46

TOPIC TAGS: meteor observation, meteor tracking, camera, microphotometer/ NAFA 3S/25  
camera, MF-2 microphotometer, MF-4 microphotometer

ABSTRACT: Photographing of meteors in Dushanbe was carried out from two points with  
the help of a meteor patrol manning NAFA 3S/25 cameras with "Uran-9" objectives  
(F/D = 2.5; F = 25 cm). Photographs obtained on a corresponding unit without a  
shutter were used for photometric analysis. Photometric standardization was carried  
out on the laboratory apparatus "Artificial meteors." The problems of the photograph  
analysis technique are considered in detail. The photograph measurements were made  
with MF-2 and MF-4 microphotometers. The results presented for 152 meteors are:  
meteor number, data, velocity outside the atmosphere, zenith distance of the radiant,  
altitude of the maximum light intensity, magnitude of the maximum luminosity, mass of  
the meteor body, shower membership, and light intensity curve. Flashes were observed  
for 30 meteors, for which are given: flash altitude, time and duration of flash,

UDC: 523.53

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L 04283-67

ACC NR: AR6004677

initial kinetic energy of the meteor body, kinetic energy lost at flash, and relative mass loss of the meteor body at flash. The obtained results are discussed briefly. Bibliography of 33 citations. B. Lebedinets [Translation of abstract]

SUB CODE: 03,14

*me*  
Card 2/2

IVANIKOV, Yu.V.

Methodology for the study of some characteristics of the process  
of visual perception. Trudy Gos. nauch.-issl. inst. psikh. 43:274-  
278 '65. (MIRA 18:9)

1. Institut psichiatrii AMN SSSR (direktor - prof.  
A.V.Snezhnevskiy).

IVANIKOVA, Z.A., dotsent

Biochemical changes in the blood in disorders of cerebral circulation of a thrombotic nature. Vrach. delo no.11:  
26-30 N°63. (MIRA 16:12)

1. Klinika nervnykh bolezney (zav. - dotsent F.Ya. Roze)  
Dnepropetrovskogo meditsinskogo instituta.

IVANIKOVA, Z.V., dotsent

Protein and lipid metabolism in disorders of cerebral circulation.  
Vrach. delo no.9:67-70 S '61. (MIRA 14:12}

1. Klinika nervnykh bolezney Dnepropetrovskogo meditsinskogo  
instituta (zav. - dotsent F.Ya.Roze).  
(PROTEIN METABOLISM) (LIPID METABOLISM)  
(CEREBROVASCULAR DISEASES) (HYPERTENSION)

IVANILOVA, R.F.

Hydrogeology of the foothill part of the Eastern Sayan Mountains.  
Mat. Kom. po izuch. podzem. vod. Sib. i Dal' Vost. no.2:125-129  
'62. (MIRA 17:8)

IVANILOV, V., Eng.

Gas Turbines

Conversion of heat energy in gas turbines. Nov. nauk. i tekhn., No. 1, 1948

Monthly List of Russian Accessions, Library of Congress, October 1951/2 Unclassified

EVANILOV, V., Eng.

Gas Turbines

Conversion of heat energy in gas trubines. (Conclusion) Nov. nauk. i tekhn., No. 2, 1948

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified

Ivanilov, Yu.P.

124-1957-1-433

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 1, p 54 (USSR)

AUTHOR: Ivanilov, Yu.P.

TITLE: Some Two-dimensional Problems of the Impact on a Container  
Filled With a Liquid (Nekotoryye ploskiye zadachi udara po  
sosudu s zhidkost'yu)

PERIODICAL: Tr. Azerb. industr. in-ta, 1956, Nr 12, pp 22-30

ABSTRACT: Three two-dimensional problems of the impact on a container filled with an ideal, incompressible liquid having a free surface:  
1) a horizontal impact on a container shaped in the form of a circular segment; 2) a vertical impact on a circular cylinder which is half-immersed into a liquid that fills a like-shaped container in which it is placed eccentrically; 3) a horizontal impact on a container shaped in the form of a circular sector. In the first instance the space containing the liquid can be conformally transformed onto a strip, whereupon the velocity potential of the perturbed motion of the liquid can be sought in the form of a Fourier integral. In the second problem the space occupied by the liquid is represented on a rectangle and the velocity potential is represented by a Fourier series. In the last problem the space occupied by the

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124-1957-1-433

Some Two-dimensional Problems of the Impact on a Container (cont.)

liquid is transformed onto a semistrip and the potential is represented by the sum of a Fourier series and a Fourier integral. Expressions for the joining mass are adduced for all of the cases.

E.L.Blokh

1. Impact shock--Analysis
2. Fourier's integrals--Applications
3. Fourier's series--Applications

Card 2/2

AUTHORS: Ivanilov, Yu.P., Moiseyev, N.N., and Ter-Krikorov, A.M. SOV/20-123-2-5/50

TITLE: On the Asymptotic Character of the Formulas of M.A.Lavrent'yev  
(Ob asimptoticheskem kharaktere formul M.A.Lavrent'yeva)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 2, pp 231-234 (USSR)

ABSTRACT: The authors show that the approximate expressions (obtained by Lavrent'yev [Ref 1,2,3]) for functions mapping conformally almost rectilinear strips, are the first terms of certain asymptotic series.

Let the strip  $T_w: 0 \leq w \leq 1$  be mapped onto the strip  $T_z: 0 \leq z \leq f(x)$ , where  $w(\infty) = \infty$ ,  $w(z) = \varphi + i\psi$ ;  $z = x + iy$ ;  $\psi$  harmonic in  $T_z$ ,  $\psi = 0$  for  $y = 0$ ,  $\psi = 1$  for  $y = f(x)$ . Put  $\xi x = \xi$ ,  $y = \eta$ , where  $\xi$  is a parameter, then  $\psi$  satisfies the equation  $\xi^2 \frac{\partial^2 \psi}{\partial \xi^2} + \frac{\partial^2 \psi}{\partial \eta^2} = 0$ . The solution is sought in the form  $\psi = \psi_0 + \xi^2 \psi_1 + \xi^4 \psi_2 + \dots$ , where  $\psi_1 = 0$  for  $y = 0$  and  $\psi_0 = 1$ ,  $\psi_1 = \psi_2 = \dots = 0$  for  $y = f$ .

In  $x$  and  $y$  then

$$\psi(x, y) = \psi_0(x, y) + \psi_1(x, y) + \dots + \psi_k(x, y) + \dots,$$

Card 1/2

On the Asymptotic Character of the Formulas of  
M.A. Lavrent'yev

SOV/20-123-2-5/50

where  $\Psi_0 = a_0 y$ ,  $\Psi_1 = -\frac{(a_0)''}{3!} y^3 + a_1 y$  etc.; here  $a_0 = \frac{1}{f}$ ,

$a_1 = \frac{a_0''}{3!} f^2$ , .... The determination of  $\varphi = \operatorname{Re} w$  is carried out

by the quadrature  $\varphi(x, y) = \int \frac{dx}{f(x)} + \frac{1}{2!} \frac{f'(x)}{f^2(x)} y^2 + \frac{1}{3!} \int \frac{2f'^2 - f''f}{f} dx + \dots$

Theorem: In order that  $\Psi_m(x, y) = \sum_{i=0}^m \Psi_i$  is an asymptotic solution of the problem, it is necessary and sufficient that  $f^{(k)}(x) = O(\varepsilon^{l_k})$ , where  $k=1, 2, \dots, 2m$  and  $l_k$  are arbitrary positive numbers. In this case the solution has the form  $\Psi(x, y) = \Psi_m(x, y) + O(\Psi_{m+1})$ .

In an analogous manner the authors consider more general problems. There are 8 references, 7 of which are Soviet, and 1 English.

PRESENTED: May 13, 1958, by M.A. Lavrent'yev, Academician  
SUBMITTED: May 12, 1958

Card 2/2

IVANILOV, YU. P., MOISEEV, N. N., TER-KRIKOROV, A. M. (Moscow)

"Assymptotic Methods In Motion Analysis of Liquids With Free Surfaces."

report presented at the First All-Union Congress on Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb 1960.

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S/040/60/024/02/28/012

AUTHOR: Ivanilov, Yu. P. (Moscow)

TITLE: On the Stability of the Plane Parallel Flow of a Viscous Fluid  
on an Inclined Plane

PERIODICAL: Prikladnaya matematika i mehanika, 1960, Vol. 24, No. 2,  
pp. 380-381

TEXT: The author considers a plane parallel liquid flow on a plane inclined against the horizontal under the angle  $\alpha$ . Let  $h$  be the distance between plane and free surface, let  $g$  be the acceleration due to gravity,  $\nu$  the viscosity,  $H = \sqrt{gh} h / \nu$  the "viscous depth". The author states that the flow is unstable if  $\frac{2}{5} H^2 \sin^2 \alpha \geq -\cos \alpha$ . If the capillarity is taken into consideration, then the condition transforms into

$$-\cos \alpha + z^2 C_1 - \frac{2}{5} H^2 \sin^2 \alpha \geq 0$$

where  $C_1$  is the nondimensional surface stress and  $2\pi/\delta$  the nondimensional wave length.

There is 1 figure, and 1 Soviet reference.

SUBMITTED: November 6, 1959

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X

Ivanilov, Yu. P.

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(24)

Vsesoyuznyy s"yezd po teoreticheskoy i prikladnoy mekhanike. 1st, Moscow, 1960.

Trudy Vsesoyuznogo s"yezda po teoreticheskoy i prikladnoy mekhanike,  
27 yanvarya -- 3 fevralya 1960 g. Obzornyye doklady (Transactions of the  
All-Union Congress on Theoretical and Applied Mechanics, 27 January to  
3 February 1960. Summary Reports). Moscow, Izd-vo AN SSSR, 1962.  
467 p. 3000 copies printed.

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